

Work Order ID 149440

Friday, July 22, 2016 2:44:49 PM

149440

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Item ID: D3965-4

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Bearing, Spherical

Start Date: 9/20/2016 Start Qty: 40.00

40

Cust Item ID:

Required Date: 9/23/2016 Req'd Qty: 40.00

40

Customer:

Reference:

Approvals: Process Plan: dm Date: 10/01/25 Tooling: _____ Date: _____Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3965	B								

100

0.00

100

Purchasing

Memo

0.00

Purchasing

MEMO
PURCHASING 33171
Issue P/O:
Purchase Part Number: 63215K52
Possible Supplier: McMaster
Material release note is required

12 1607 26

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.13

Packaging

40x Sp 167-28

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Quality Control

40

JUL 28 2016

40 12

AUG 02 2016

DAS
21

AUG 04 2016

24m 16/08/02

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1 49440

D3965-4

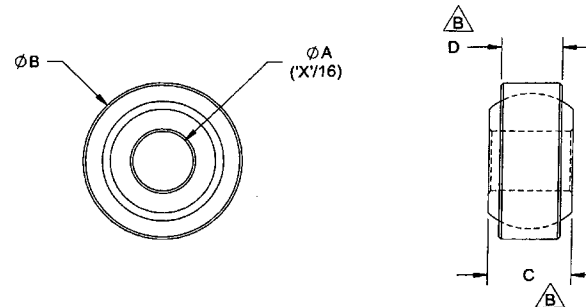
Required Date: 9/23/2016

Required Qty: 40.00

IPP REV:B

63215K52	Purchased	No	110	Each	0.0000	1	40
63215K52						**	40x Sp/b = 7-28
Bearing Spherical							

SPECIFICATION CONTROL DRAWING



D3965-X BEARING, SPHERICAL

WHERE 'X' IS I.D. IN 1/16" OF AN INCH
EG $\phi 1/4"$ (4/16") I.D. BEARING = D3965-4

DART P/N	SUPPLIER	SUPPLIER P/N	A	B	C	D	STATIC RADIAL LOAD CAP. lbs
D3965-3	McMASTER-CARR	63215K31	0.188	0.563	0.281	.219	3,975
D3965-4	McMASTER-CARR	63215K52	0.250	0.656	0.344	0.250	6,040
D3965-5	McMASTER-CARR	63215K53	0.313	0.750	0.375	0.281	8,750
D3965-6	McMASTER-CARR	63215K34	0.375	0.813	0.406	0.313	10,540

RELEASED
2012-03-02
JW

NOTES:

- 1) MATERIAL: 440C STAINLESS STEEL WITH PTFE LINER
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

B	CORRECT LETTER DESIGNATED C & D (ZN C4-1) PER PAR11-151	RF	12.01.10
A	NEW ISSUE	RF	09.07.09
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF	DRAWING NO.	REV. B
CHECKED	140	D3965	SHEET 1 OF 1
MFG. APPR.	140	TITLE	SCALE
APPROVED	140	BEARING, SPHERICAL	NTS
DE APPR.	140	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	12.01.10		

w/o 149440 xlm 16/07/25



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33171**

Purchase Order Date 7/26/2016

PO Print Date 7/26/2016

Page Number 1 of 2

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 10

Currency USD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	63215K52 PER DRWG D3965 REV.B MCMaster P/N 63215K52 B149440	Bearing Spherical	7/29/2016 Yes 7/29/2016		40.00 Each	\$15.62	\$624.80
Line Total:							\$624.80
2	71400-30	6848K83 - HANDLE	7/29/2016 No 7/29/2016		1.00	\$9.81	\$9.81
Line Total:							\$9.81
3	71400-45	6041T31 - CAUTION TAPE	7/29/2016 No 7/29/2016		1.00	\$17.83	\$17.83

Deliver To: JL

Note:

7/26/2016



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: JI
David D

Purchase Order
PO33171
Order Placed By
Linda Lacelle

McMaster-Carr Number
6386131-01

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07/26/2016

Line	Product	Ordered	Shipped
1	63215K52 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 1/4" ID, 21/32" OD, 11/32" Ball Thick	40 Each	40
2	6848K83 Metric Die Cast Zinc Adjustable Handle, M12 X 1.75 Thread X 30MM Stud Length	1 Each	1
3	6041T31 Barrier Tape, 0.003" Thickness, 1000 ft. LG, "Caution Do Not Enter"	1 Each	1

Sp / 6-7-28